

IN THE CLAIMS:

1. (currently amended) A process for preparing asparagine-linked oligosaccharide derivatives including the steps of: (a) treating a delipidated egg yolk with a protease to obtain a mixture of peptide-linked oligosaccharides, (b) treating the mixture of peptide-linked oligosaccharides with a peptidase to obtain a mixture of asparagine-linked oligosaccharides, (c) introducing a lipophilic protective group into the asparagine-linked oligosaccharides in the mixture to obtain a mixture of asparagine-linked oligosaccharide derivatives, and (d) subjecting the mixture of asparagine-linked oligosaccharide derivatives to a fractionating chromatography using a reverse phase column to separate the mixture into individual asparagine-linked oligosaccharide derivatives.

2. (original) A process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the delipidated egg yolk is obtained by delipidating an avian egg yolk with an organic solvent.

3. (original) A process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked

undeca- to penta-saccharide derivatives.

4. (original) A process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 3 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to hepta-saccharide derivatives.

5. (original) A process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 4 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to nona-saccharide derivatives.

6. (original) A process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 5 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undecasaccharide derivatives.

7. (currently amended) A process for preparing ~~asparagine-linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 1 wherein the lipophilic protective group is a carbonate-containing group or acyl group.

8. (currently amended) A process for preparing ~~asparagine-linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 7 wherein the lipophilic protective group is a carbonate-containing group.

9. (currently amended) A process for preparing ~~asparagine-linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 1 wherein the lipophilic protective group is Fmoc group or Boc group.

10. (currently amended) A process for preparing ~~asparagine-linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 9 wherein the lipophilic protective group is Fmoc group.

11. (currently amended) A process for preparing ~~asparagine-linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharides contained in the mixture of asparagine-linked oligosaccharides obtained by the step (b) are hydrolyzed before the subsequent step to cut off some sugar moieties.

12. (currently amended) A process for preparing ~~asparagine-~~

~~linked asparagine-linked~~ oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharide derivatives contained in the mixture of asparagine-linked oligosaccharide derivatives obtained by the step (c) are hydrolyzed before the subsequent step to cut off some sugar moieties.